IN THE CLAIMS:

Please amend the claims as follows:

1.   (Currently amended) A codec circuit having a programmable digital bandpass filter, for matching the filter characteristics of the codec circuit to a transmitted Pulse Code Modulation (PCM) signal, having at least one programmable digital high-pass filter and at least one programmable digital low-pass filter connected in series, and a signal identification device configured to identify a type of modulation and transmission speed of a PCM signal transmitted within the codec circuit to determine ~~whether~~ the transmitted PCM signal originates from a terminal or from a telephone and configured to set filter coefficients for the at least one programmable digital high-pass filter and the at least one programmable digital low-pass filter based on the identified type of modulation and transmission speed of the transmitted PCM signal to vary a bandpass filter characteristic for the programmable digital bandpass filter to match ~~that of~~ the determined origin of the transmitted PCM signal.

2.   (Previously Presented) The codec circuit as claimed in claim 1, wherein the setting filter coefficients are stored in coefficient memory devices which are associated with the programmable digital high-pass and low-pass filters.

3.   (Previously Presented) The codec circuit as claimed in claim 2, wherein the memory devices are random access memories (RAM).

4. (Previously Presented) The codec circuit as claimed in claim 2, wherein the memory devices are connected via coefficient setting lines to the signal identification device.

5. (Previously Presented) The codec circuit as claimed in claim 1, wherein the programmable digital filters are each seventh-order filters.

6. (Previously Presented) The codec circuit as claimed in claim 1, wherein the upper and lower signal transmission cut-off frequencies of the bandpass filter and the gradient of bandpass filter flanks are set by means of the setting filter coefficients.

7. (Previously Presented) The codec circuit as claimed in claim 6, wherein the lower signal transmission cut-off frequency is set by setting the setting filter coefficients of the digital high-pass filter.

8. (Previously Presented) The codec circuit as claimed in claim 6, wherein the upper signal transmission cut-off frequency is set by setting the setting filter coefficients of the programmable digital low-pass filter.

9. (Previously Presented) The codec circuit as claimed in claim 1, wherein a frequency response correction filter is also provided, in order to compensate for the ripple in the bandpass filter characteristic in the passband.